

Maryland Historical Trust

Maryland Inventory of Historic Properties number: BA-III 2987

Name: St. John's Episcopal Church

The bridge referenced herein was inventoried by the Maryland State Highway Administration as part of the Historic Bridge Inventory, and SHA provided the Trust with eligibility determinations in February 2001. The Trust accepted the Historic Bridge Inventory on April 3, 2001. The bridge received the following determination of eligibility.

MARYLAND HISTORICAL TRUST	
Eligibility Recommended <u>X</u>	Eligibility Not Recommended _____
Criteria: <u>A</u> <u>B</u> <u>C</u> <u>D</u> Considerations: <u>A</u> <u>B</u> <u>C</u> <u>D</u> <u>E</u> <u>F</u> <u>G</u> <u>None</u>	
Comments: _____	

Reviewer, OPS: <u>Anne E. Bruder</u>	Date: <u>3 April 2001</u>
Reviewer, NR Program: <u>Peter E. Kurtze</u>	Date: <u>3 April 2001</u>

Maryland Inventory of Historic Properties
Historic Bridge Inventory
Maryland State Highway Administration
Maryland Historical Trust

MHT Number ²⁹⁸⁷~~BA-3711~~

Name and SHA No. B 0265

Location:

Street/Road Name and Number: Tufts Avenue over Waterspout Run

City/Town: Glyndon Vicinity X

County: Baltimore

Ownership: State X County Municipal Other

This bridge projects over: Road Railway X Water Land

Is the bridge located within a designated district: X yes no

 NR listed district X NR determined eligible district

 locally designated other

Name of District Worthington Valley Historic District

Bridge Type:

 Timber Bridge
 Beam Bridge Truss-Covered Trestle
 Timber-and-Concrete

 Stone Arch

 Metal Truss

 Movable Bridge
 Swing Bascule Single Leaf Bascule Multiple Leaf
 Vertical Lift Retractable Pontoon

X Metal Girder
 Rolled Girder X Rolled Girder Concrete Encased
 Plate Girder Plate Girder Concrete Encased

 Metal Suspension

 Metal Arch

☐ Metal Cantilever

☐ Concrete

☐ Concrete Arch ☐ Concrete Slab ☐ Concrete Beam

☐ Rigid Frame

☐ Other Type Name _____

Description:

Describe Setting:

Bridge Number B 0265 carries Tufton Avenue in a generally east-west direction over Waterspout Run in Baltimore County, Maryland. The approach to the roadway is level and has two lanes. The area around this bridge is rural with open fields, trees line the stream. The structures in the vicinity of this bridge are generally from the nineteenth century.

Describe Superstructure and Substructure:

Bridge number B 0265 is a single span structure, measuring 23 feet in total length. The roadway width from curb to curb is thirteen feet and the total deck width is eighteen feet. There are no sidewalks on the bridge. The superstructure is composed of a concrete encased steel rolled girders.. There is one span in the bridge unit. The span is 21 feet long. The floor system is composed of concrete cast-in-place. There are two small rectangular concrete parapets. There is no ornamentation. There are no historical plaques.

The substructure is composed of concrete cantilever abutments. There is no ornamentation. There are no historical plaques.

The condition of this bridge is currently rated poor with advanced section loss, deterioration, spalling and scour.

Discuss Major Alterations:

There have been no major alterations to this structure.

History:

When Built: 1920

Why Built: Increased traffic density necessitated a structure with an increased load capacity.

Who Built: State Roads Commission

Why Altered: Does Not Apply

Was this bridge built as part of an organized bridge building campaign:

Yes, Good Roads Movement. 1920-28

Surveyor Analysis:**This bridge may have NR significance for association with:**

- ☐ A Events ☐ Person
☐ C Engineering/Architectural

Was this bridge constructed in response to significant events in Maryland or local history:

Yes. Increasing growth of vehicular traffic rates paralleled the growth of state-owned and state-aided highways. The post WWI brought a dramatic increase in the number of vehicles and their tonnage. The Maryland State Roads Commission began to emphasize standardized designs. Old, one way bridges and other inadequate designs were often replaced by steel girder design bridges.

When the bridge was built and/or given a major alteration, did it have a significant impact on the growth and development of the area?

No. Bridge B 0265 did not have a significant impact on the Worthington Valley area. This structure was built to satisfy local needs but its function can be met through other transportation options.

Is the bridge located in an area which may be eligible for historic designation and would the bridge add to or detract from historic and visual character of the possible district?

Yes. Bridge B 0265 is located in an area that has had an important and significant impact on the history of Baltimore County. The neighborhood of Worthington Valley is an interesting segment part of Baltimore history. This area has an extensive file at the Maryland Historical Trust in file number BA-2215. The loss of this small bridge would not negatively impact the historic and visual significance of these areas.

Is this bridge a significant example of its type?

No. Bridge B 0265 is a common type of concrete encased metal girder bridge. Metal girder bridges were built prolifically in Maryland from the late nineteenth century to the present day. There is nothing to set this bridge apart from others of its type. There are numerous other examples of this bridge available.

Does the bridge retain integrity of the important elements described in the Context Addendum?

Yes. Bridge Number B 0265 does retain important elements of its historical structural integrity. The primary character defining elements are the rolled wide flange beams and concrete casing.

Should this bridge be given further study before significance analysis is made and Why?

No. This bridge is a very common type of structure and there are numerous examples in the state. The historical nature has already been studied and it is not necessary to study this bridge in isolation.

Bibliography:

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Hopkins, G.M.
1977 **Atlas of Baltimore, Maryland.** Philadelphia, Pennsylvania.

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1976 **Bicentennial Byways: A Series of Articles on the Maryland Roads.** Baltimore, Maryland.

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1970-95 **Historic Resources Survey Form Files.** Maryland Historical Trust Library. Crownsville, Maryland.

Spero, P.A.C. & Company, and Louis Berger & Associates
1994 **Historic Bridges in Maryland: Historic Bridge Context.** Baltimore, Maryland.

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1993 **Bridge Inventory.** Baltimore, Maryland.

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1990 **National Register Bulletin Number 15.** National Park Service. Washington D.C.

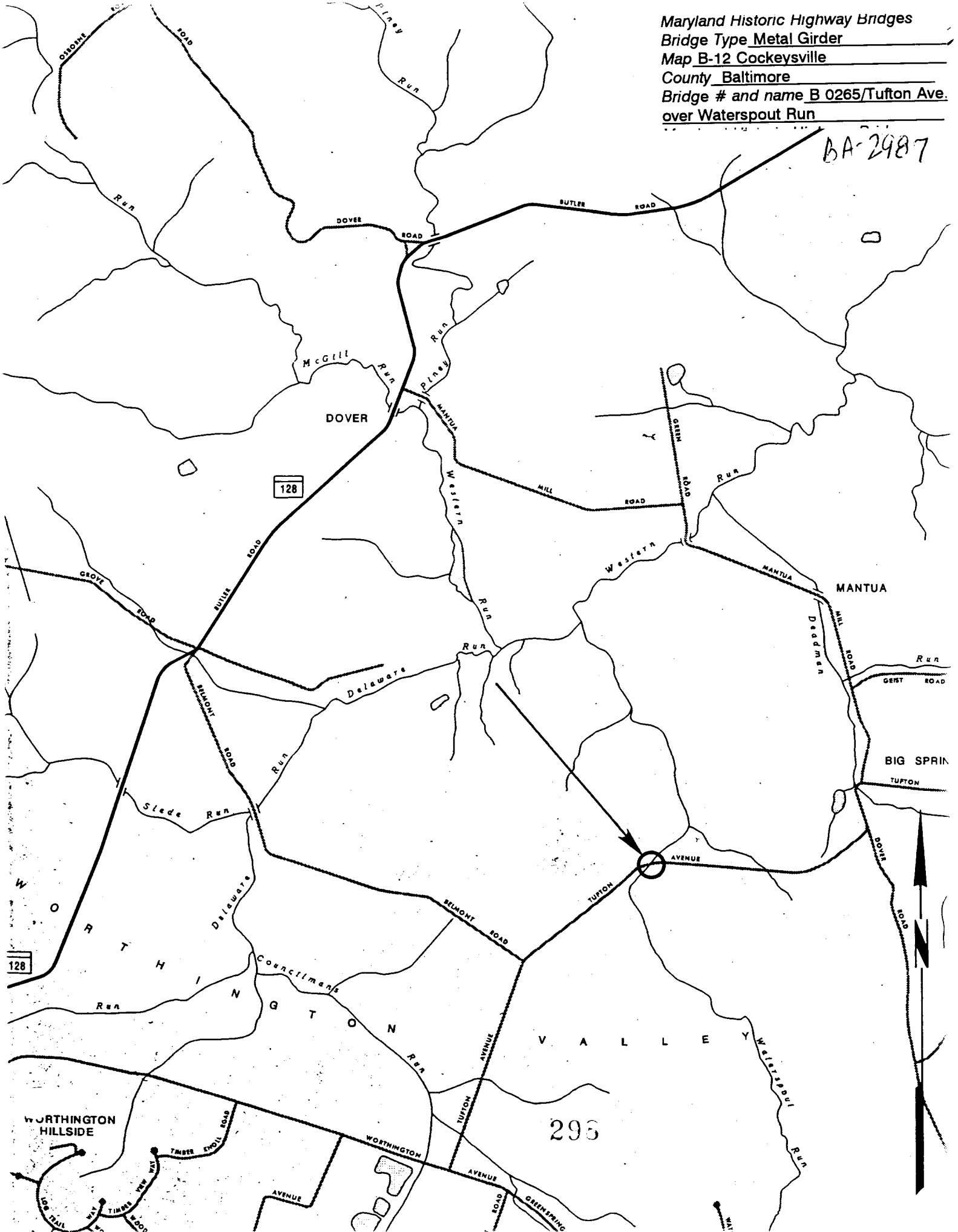
U.S. Department of Transportation
1991 **Bridge Inspectors Manual.** Federal Highway Administration. Washington D.C.

Surveyor:

Name: Andrew M. Watts **Date:** March 1996
Organization: State Highway Administration **Telephone:** (410) 321-2213
Address: 2323 West Joppa Road, Brooklandville, MD 21022

Maryland Historic Highway Bridges
Bridge Type Metal Girder
Map B-12 Cockeysville
County Baltimore
Bridge # and name B 0265/Tufton Ave.
over Waterspout Run

BA-2987





Inventory # BA-2987

Name BOLDS-TUFTON AVE OVER WATERSPOUT RUN

County/State BALTIMORE COUNTY/MD

Name of Photographer DAVE DIEHL

Date 1/95

Location of Negative SHA

Description NORTH APPROACH LOOKING
SOUTH

Number 1 of 32 4



Inventory # BA-2987

Name 60265-TUFTON AVE OVER WATERSPOUT RUN

County/State BALTIMORE COUNTY/MD

Name of Photographer DAVE DIEHL

Date 1/95

Location of Negative SHA

Description WEST ELEVATION LOOKING EAST

Number 29 of 3231



Inventory # BA-2987

Name 130265-TUFTON AVE OVER WATERSPOUT RUN

County/State BALTIMORE COUNTY/MD

Name of Photographer DAVE DIEHL

Date 1/95

Location of Negative SHA

Description EAST ELEVATION LOOKING
SOUTH WEST

3
Number 10 of 32 31



Inventory # BA-2987

Name B0265 - TUFTON AVE OVER WATERSPOUT RUN

County/State BALTIMORE COUNTY /MD

Name of Photographer DAVE DENL

Date 1/95

Location of Negative SWA

Description SOUTH APPROACH LOOKING
NORTH

4
Number 11 of 32 4